

Applicants: BASSON, Gal, et al.
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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listing of claims in the Application. Please amend the claims to read as follows and cancel without prejudice or disclaimer the claims marked as canceled:

1.-3. (Canceled)

4. (Currently Amended) A method comprising:

transmitting a combined signal over a combined channel by mapping a first block of said combined signal to be carried by a first sub-channel of said combined channel and mapping a second block, substantially identical to said first block, to be carried by a second sub-channel of said combined channel;

duplicating said first block to produce said second block;

creating an indication, in said first block, of a property of said combined signal; and
~~The method of claim 3, comprising creating an indication, in said first block, of whether said combined signal is followed by a subsequent signal carried by a channel having a channel width which is different from the channel width of the first sub-channel.~~

5. (Original) The method of claim 4, comprising receiving at least said first block.

6. (Original) The method of claim 5, comprising determining whether said combined signal is followed by said subsequent signal.

7. (Original) The method of claim 6, comprising receiving said subsequent signal.

8. (Original) The method of claim 6, comprising avoiding transmission during a time period in which said subsequent signal is transmitted.

9. (Currently Amended) The method of claim [[1]] 4, comprising producing a phase shift between said first and second blocks.

10.-12. (Canceled)

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13. (Currently Amended) An apparatus comprising:

a transmitter to transmit a combined signal over a combined channel by mapping a first block of said combined signal to be carried by a first sub-channel of said combined channel and mapping a second block, substantially identical to said first block, to be carried by a second sub-channel of said combined channel, wherein the transmitter is able to duplicate said first block to produce said second block, and wherein the transmitter is able to create an indication, in said first block, of a property of said combined signal, and The apparatus of claim 12, wherein the transmitter is able to create an indication, in said first block, of whether said combined signal is followed by a subsequent signal carried by a channel having a channel width which is different from the channel width of the first sub-channel.

14. (Currently Amended) The apparatus of claim [[10]] 13, wherein the transmitter is able to produce a phase shift between said first and second blocks.

15.-20. (Cancelled)

21. (Currently Amended) A wireless communication system comprising:

a first wireless communication station able to transmit a combined signal over a combined channel by mapping a first block of said combined signal to be carried by a first sub-channel of said combined channel and mapping a second block, substantially identical to said first block, to be carried by a second sub-channel of said combined channel; and

a second wireless communication station able to receive at least said first block, wherein the first wireless communication station is able to duplicate said first block to produce said second block, and wherein the first wireless communication station is able to create an indication, in said first block, of a property of said combined signal, and The wireless communication system of claim 20, wherein the first wireless communication station is able to create an indication, in said first block, of whether said combined signal is followed by a subsequent signal carried by a channel having a channel width which is different from the channel width of the first sub-channel.

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22. (Original) The wireless communication system of claim 21, wherein the second wireless communication station is able to determine whether said combined signal is followed by said subsequent signal.
23. (Original) The wireless communication system of claim 22, wherein the second wireless communication station is able to receive said subsequent signal.
24. (Original) The wireless communication system of claim 22 wherein the second wireless communication station is able to avoid transmission during a time period in which said subsequent signal is transmitted.
- 25.-27. (Canceled)
28. (New) The wireless communication system of claim 21, wherein the first wireless communication station is able to produce a phase shift between said first and second blocks.
29. (New) A wireless communication station comprising:
a radio frequency antenna; and
a transmitter operably coupled to said radio frequency antenna to transmit a combined signal over a combined channel by mapping a first block of said combined signal to be carried by a first sub-channel of said combined channel and mapping a second block, substantially identical to said first block, to be carried by a second sub-channel of said combined channel, wherein the transmitter is able to duplicate said first block to produce said second block, and wherein the transmitter is able to create an indication, in said first block, of a property of said combined signal, and wherein the transmitter is able to create an indication, in said first block, of whether said combined signal is followed by a subsequent signal carried by a channel having a channel width which is different from the channel width of the first sub-channel.
30. (New) The wireless communication station of Claim 29, wherein the transmitter is able to produce a phase shift between said first and second blocks.

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31. (New) A machine-readable medium having stored thereon a set of instructions that, if executed by a machine, cause the machine to perform a method comprising:
transmitting a combined signal over a combined channel by mapping a first block of said combined signal to be carried by a first sub-channel of said combined channel and mapping a second block, substantially identical to said first block, to be carried by a second sub-channel of said combined channel;
duplicating said first block to produce said second block;
creating an indication, in said first block, of a property of said combined signal; and
creating an indication, in said first block, of whether said combined signal is followed by a subsequent signal carried by a channel having a channel width which is different from the channel width of the first sub-channel.
32. (New) The machine-readable medium of claim 31, wherein the instructions result in receiving at least said first block.
33. (New) The machine-readable medium of claim 32, wherein the instructions result in determining whether said combined signal is followed by said subsequent signal.
34. (New) The machine-readable medium of claim 33, wherein the instructions result in receiving said subsequent signal.
35. (New) The machine-readable medium of claim 33, wherein the instructions result in avoiding transmission during a time period in which said subsequent signal is transmitted.
36. (New) The machine-readable medium of claim 31, wherein the instructions result in producing a phase shift between said first and second blocks.